

Datasheet for ABIN290963 **anti-TGFB1 antibody (Biotin)**



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Overview

Quantity:	50 µg
Target:	TGFB1
Reactivity:	Human, Mouse
Host:	Chicken
Clonality:	Polyclonal
Conjugate:	This TGFB1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant human TGF-b1 expressed in CHO cells.
	Type of Immunogen: Recombinant protein
Isotype:	IgY
Specificity:	Recognizes human TGFb1. When used in combination with the monoclonal capture antibody LS-C10854 in a sandwich ELISA, ~5 % cross-reactivity with TGF-b1.2 and 1 % cross-reactivity with rhTGF-b2, rcTGF-b3 and raTG-b5 was observed.
Purification:	Affinity purified

Target Details

Target:	TGFB1
Alternative Name:	TGFB1 / TGF Beta 1 (TGFB1 Products)

Target Details

Background:	Name/Gene ID: TGFB1 Family: TGF beta Synonyms: TGFB1, CED, DPD1, Diaphyseal dysplasia 1, LAP, Latency-associated peptide, TGF Beta, TGFbeta, TGF-beta 1 protein, TGF-beta-1, TGFB
Gene ID:	7040
UniProt:	P01137
Pathways:	EGFR Signaling Pathway , Dopaminergic Neurogenesis , Cellular Response to Molecule of Bacterial Origin , Glycosaminoglycan Metabolic Process , Regulation of Leukocyte Mediated Immunity , Regulation of Muscle Cell Differentiation , Positive Regulation of Immune Effector Process , Cell-Cell Junction Organization , Production of Molecular Mediator of Immune Response , Ribonucleoside Biosynthetic Process , Skeletal Muscle Fiber Development , Regulation of Carbohydrate Metabolic Process , Protein targeting to Nucleus , Autophagy , Cancer Immune Checkpoints

Application Details

Application Notes:	Approved: ELISA, WB (0.1 - 0.2 µg/mL) Usage: Suitable for use in ELISA and Western Blot. Plates are coated with 100 µL/well of the capture antibody in combination with 100 µL/well of the detection antibody at 300 ng/mL. An ELISA for sample volumes of 100 µL can be obtained. Titrate each preparation of the recombinant protein for standard preparation to arrive at the most suitable dose range. For this antibody pair, a two-fold dilution series starting at 2 ng/mL is suggested. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Sterile PBS. Resuspend to 250 µL
Concentration:	Lot specific
Buffer:	Supplied as a lyophilized powder from PBS, pH 7.4, 50 µg BSA.

Handling

Handling Advice:	Avoid frequent freeze thaws. Store undiluted.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze-thaw cycles.
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